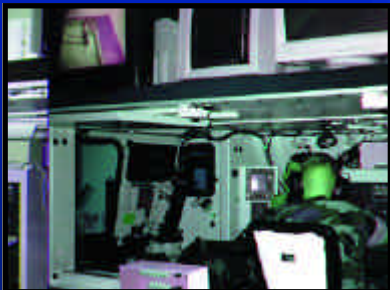


Fox Training System



Description:

- The Fox Training System (FTS) is a unit level trainer that will provide realistic and economical training on the M93A1 Nuclear, Biological and Chemical Reconnaissance System (NBCRS)
- The Fox Den at the U.S. Army Chemical School is being used as the baseline for this system

Capabilities:

- Simulates the critical functions of the NBCRS
- Operates in conjunction with the Close Combat Tactical Trainer (CCTT)
- Provides a totally immersive trainer
- Adds NBC operation to the CCTT



PMRS Mission Statement...

...to develop, produce, test, field and support the world's best NBC Reconnaissance Systems enabling soldiers and Marines to find, identify, map, and mark NBC contamination on the battlefield.



Product Manager
NBC Reconnaissance Systems
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Systems



PRODUCT MANAGER NBC RECONNAISSANCE SYSTEMS

<http://www.sbccom.apgea.army.mil/RDA/pmnbc>

Product Manager NBC Reconnaissance Systems

Interim Armored Vehicle - Nuclear Biological Chemical Reconnaissance System (IAV-NBCRS)



Description:

- The Block II modification for NBCRS will incorporate enhanced chemical and biological detectors that will allow on-the-move standoff chemical agent detection
- The CBMS will improve the detection and identification of liquid chemical agents while providing a first-time biological agent detection capability to the reconnaissance platform
- Integration of open architecture will allow for expansion/upgrade of NBC sensor suite at minimal cost

Capabilities:

- On-the-move standoff chemical vapor detection
- Chemical and biological integrated detection
- On-the-move micro-meteorology
- Open architecture
- Designed for horizontal technology integration and remote sensor ready upgrades
- Advanced prognostics/diagnostics

Joint Service Lightweight NBC Reconnaissance System (JSLNBCRS)



Description:

- The JSLNBCRS will provide point and standoff intelligence for real time field assessment of NBC hazards
- The system is a vehicle-mounted suite of equipment and software designed to detect, collect, analyze, mark, and disseminate NBC data
- Two variants, the High Mobility Multipurpose Wheeled Vehicle and the Light Armored Vehicle, will house the same equipment and offer on-the-move, standoff capability, while providing an air-transportable system
- Timely provision of automated, digital information meshed with meteorological and positioning information will provide commanders more options in merging NBC information with tactical, operational, and strategic plans

M93A1 Block I Modification Fox Nuclear, Biological, Chemical Reconnaissance System (NBCRS)



Description:

- The M93A1 Block Modification NBCRS is a U.S. Army improved version of the German TPZ1 Fuchs.
- It is capable of detecting chemical contamination in its immediate environment through point detection and up to 5km through the use of a standoff detector (M21 RSCAAL).
- It automatically integrates contamination information from sensors with input from on-board navigation and meteorological systems and rapidly transmits to the Maneuver Control System.
- The M93A1 reduces the crew size from four to three soldiers.

Capabilities:

- Standoff vapor detection
- Reduced crew size
- Enhanced logistics supportability and maintainability
- Digitized communications
- On-board MICRO-MET, GPS, SINCGARS
- Automatic Alarm Reporting (MICAD)

